



Ball Flora Plant
Research & Development

622 Town Road
West Chicago, IL
60185-2698

Cadet Upright Verbena

Minimum Culture Standards

Ball Flora Plant

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Minimum Culture Standards

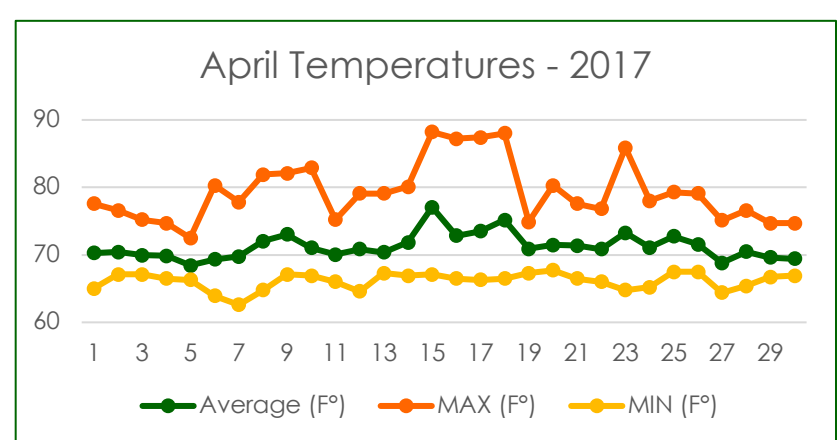
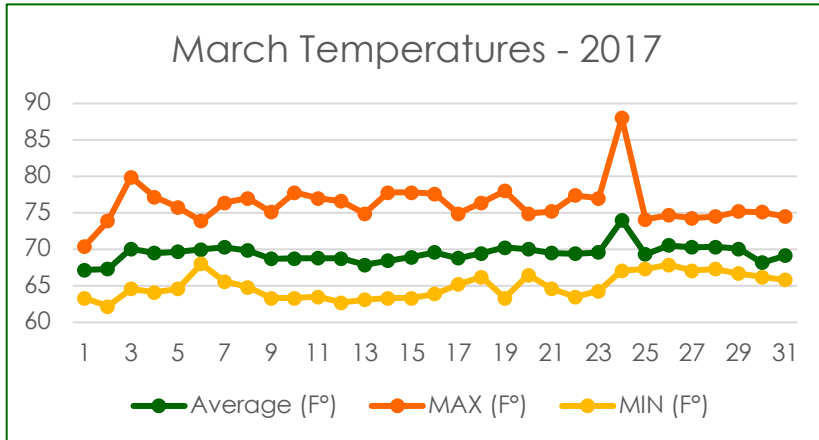
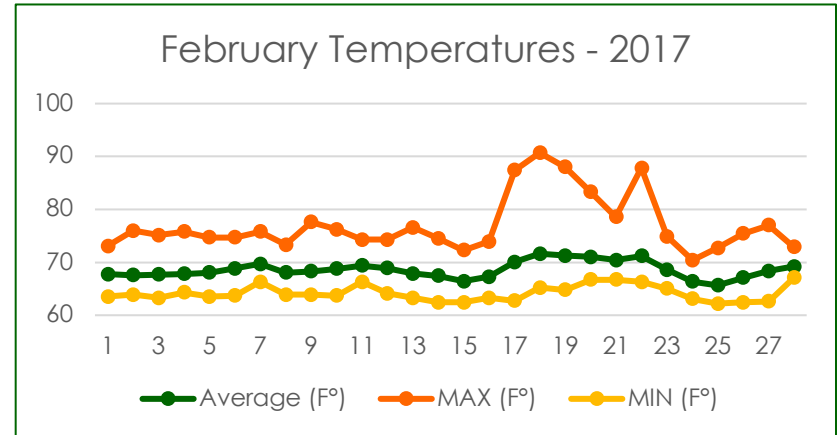
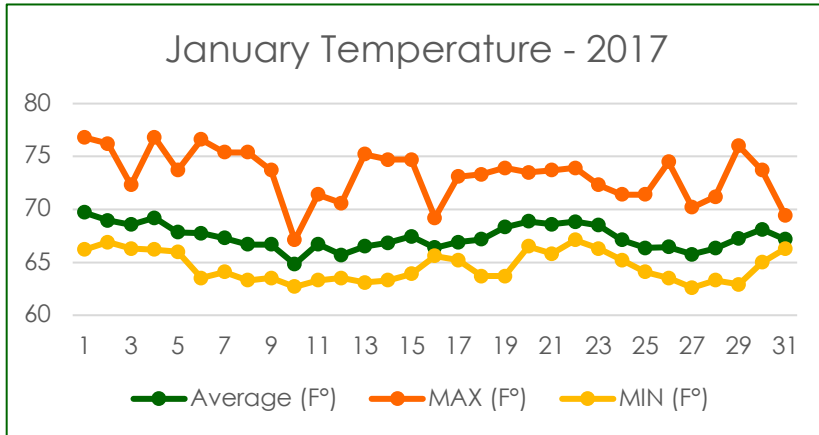
Data Points

- Tray Size: 78 (30 mm liner)
- Stick Date: Week 52
- Pinch: Week 3
- Transplant: Week 4
- Finish: Week 13
- Total Crop Time: 14 Weeks
- Fertilizer 14-4-14 (200 ppm N)

Average Temperatures

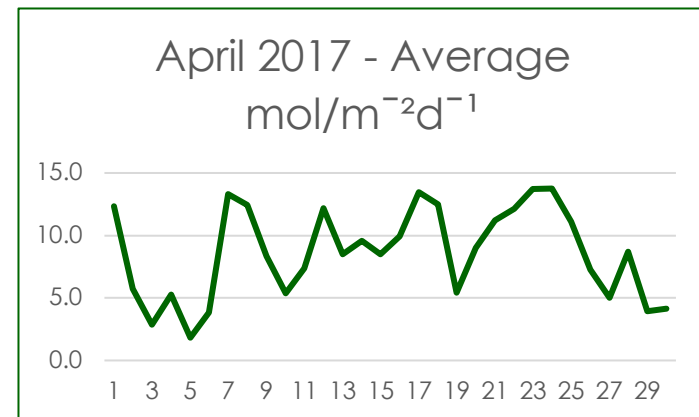
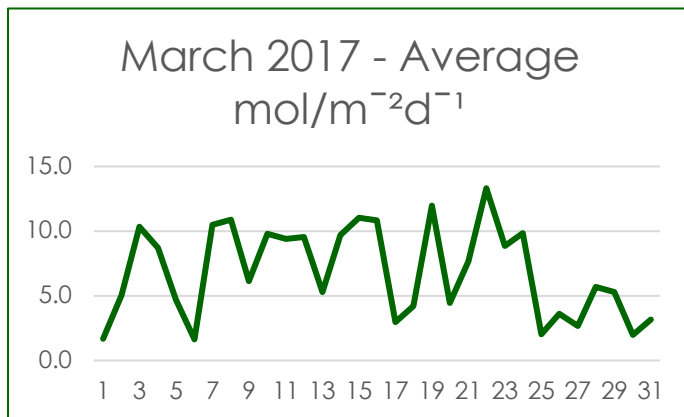
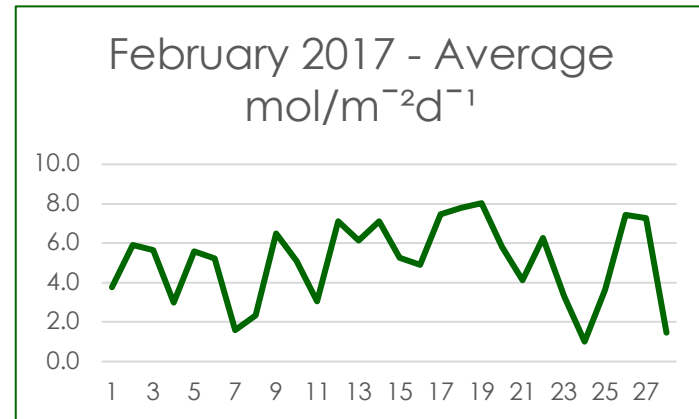
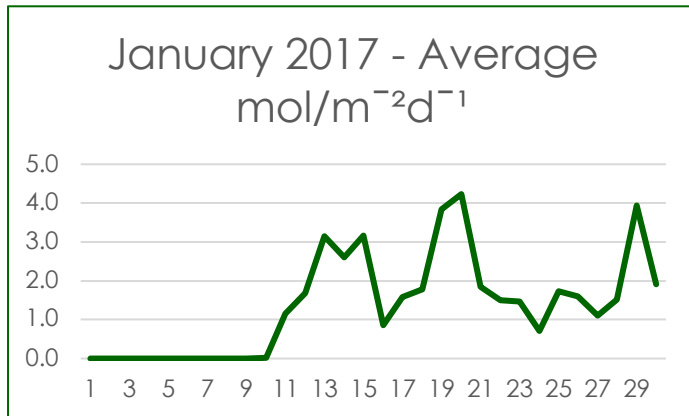
Jan Avg 67.3°, Max 76.8°, Min 62.6°
Mar Avg 69.4°, Max 88°, Min 62.2°

Feb Avg 68.5°, Max 90.7°, Min 62.2°
Apr Avg 71.2°, Max 88.2°, Min 62.6°



Average moles

January: 1.4 February: 4.7 March: 6.9 April: 8.6



Liner Treatment

- Week 52 Stick



- Week 3 Pinch
- Week 4 Transplant



PGR Applications

Treatments

Timing (after transplant)

- Control/No PGR
- Pinch/B-Nine 2500ppm 2 weeks
- Pinch/B-Nine 2500ppm
Cycocel 750ppm 2 weeks
- Pinch/Florel 300ppm 2 weeks
- Pinch/Bonzi 1ppm drench 4 weeks

Best Treatment

PGR Applications

2 Weeks After Transplant

Pictures taken at time of application



Cadet Upright
Magenta Wink



Cadet Upright
Hot Pink Wink

Cadet Upright 9 Weeks After Transplant

Control No PGR

Hot Pink Wink

Magenta Wink

Lavender Blue



Bonzi 1ppm (Drench)

Cadet Upright

9 Weeks After Transplant

Control No PGR

White

Purple

Red



Bonzi 1ppm (Drench)

Compact Upright Verbena

Minimum Culture Standards

(Midwest)

- With low light levels during Midwestern Spring conditions the use of PGRs is recommended to avoid stretching.
- A 1ppm Bonzi drench 4 weeks after transplant held plants and controlled excessive growth with no effect on flowering.
- B-Nine 2500/Cycocel 750ppm tank mix also helped tone plants but had a slight flower delaying effect.
- An early spray application to liners of 3ppm Bonzi two weeks prior to transplant is recommended to promote branching and tone plants.